Acetone, O-isopropyloxime

Inchi: InChI=1S/C6H13NO/c1-5(2)7-8-6(3)4/h6H,1-4H3
InchiKey: LHEAKOCZFQCLGM-UHFFFAOYSA-N
Formula: C6H13NO
SMILES: CC(C)=NOC(C)C
Mol. weight [g/mol]: 115.17

Physical Properties

Property code	Value	Unit	Source
hf	-232.24	kJ/mol	Joback Method
hvap	34.37	kJ/mol	Joback Method
log10ws	-1.69		Crippen Method
logp	1.807		Crippen Method
mcvol	106.950	ml/mol	McGowan Method
pc	2761.36	kPa	Joback Method
rinpol	724.00		NIST Webbook
tb	435.22	K	Joback Method
tc	630.49	K	Joback Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R511294&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method: https://en.wikipedia.org/wiki/Joback_method
McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Legend

hf: Enthalpy of formation at standard conditions
hvap: Enthalpy of vaporization at standard conditions
log10ws: Log10 of Water solubility in mol/l

logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature